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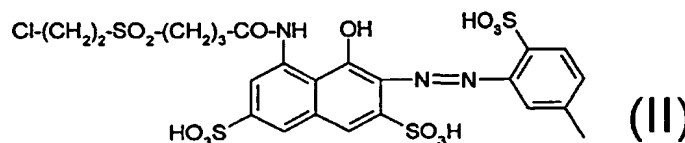
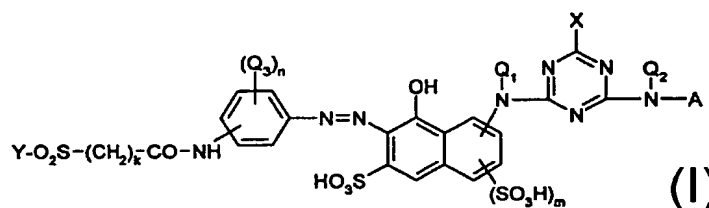
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(54) Title: FIBRE-REACTIVE AZO DYES, THEIR PREPARATION AND THEIR USE



(57) Abstract: Reactive dyes of formula (I), wherein A is the radical of a monoazo, polyazo, metal complex azo, anthraquinone, phthalocyanine, formazan or dioxazine chromophore, Q₁ and Q₂ are each independently of the other hydrogen or unsubstituted or substituted C₁-C₄alkyl, (Q₃)_n denotes n substituents selected from the group C₁-C₄alkyl, C₁-C₄alkoxy, halogen and sulfo, X is halogen, 3-carboxypyridin-1-yl, 3-carbamoylpyridin-1-yl, hydroxy, C₁-C₄alkoxy unsubstituted or substituted in the alkyl moiety, phenoxy unsubstituted or substituted in the phenyl moiety, C₁-C₄alkylthio unsubstituted or substituted in the alkyl moiety, unsubstituted or substituted amino, or an N-heterocycle which may or may not contain further hetero atoms, Y is vinyl or a radical -CH₂-CH₂-U and U is a group removable under alkaline conditions, k is a number 2, 3, 4, 5 or 6, m is a number 0 or 1, and n is a number 0, 1 or 2, with the proviso that when A denotes a monoazo chromophore it is not directly linked to the triazinyl radical through a hydroxynaphthalenesulfonic acid coupling component and does not denote a radical of formula (II), are suitable for dyeing cellulosic or nitrogen-containing fibre materials.

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C09B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 097 971 A (CIBA SC HOLDING AG) 9 May 2001 (2001-05-09) claims 1,3,4,6-12; examples 30-77,100,101	1-15
A	GB 1 155 149 A (CASSELLA FARBWERKE MAINKUR AG.) 18 June 1969 (1969-06-18) cited in the application claims; examples	1-15
A	US 5 484 899 A (DEITZ ROLF ET AL) 16 January 1996 (1996-01-16) claims; examples	1-15

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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